

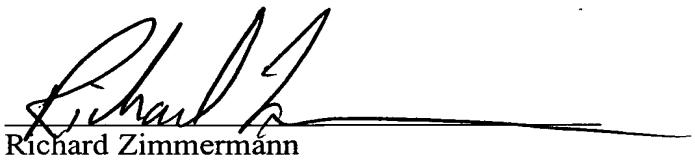
10/531070

JC12 Rec'd PCT/PTC 11 APR 2005

PATENT

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicants: Patel et al. ) "EXPRESS MAIL" mailing label No.  
Serial No.: To be assigned ) EV532464247US.  
Filed: Herewith ) Date of Deposit: April 11, 2005  
U.S. National Phase of )  
PCT/GB03/04406 filed October 10, ) I hereby certify that this paper is being  
2003 ) deposited with the United States Postal Service  
For: OPTICAL DEVICE ) "EXPRESS MAIL POST OFFICE TO  
Group Art Unit: To be assigned ) ADDRESSEE" service under 37 CFR §1.10  
Examiner: To be assigned ) on the date indicated above and is addressed  
                              ) to: Commissioner for Patents, P.O. Box 1450,  
                              ) Alexandria, VA 22313-1450



Richard Zimmermann

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for consideration by the examiner are copies of the documents identified on the attached Form PTO-1449. Copies of the documents are submitted as required.

U.S. 5,621,131 is an English language counterpart to EP 707 020.

WO 98/05187 is an English language counterpart to EP 947 123.

10/531070

JC12 Rec'd PCT/PCTC 11 APR 2005

Entry and consideration of the submitted documents are solicited.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

By: 

James P. Zeller

Reg. No. 28,491

Attorneys for Applicants

April 11, 2005

6300 Sears Tower  
233 South Wacker Drive  
Chicago, Illinois 60606-6357  
(312) 474-6300

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 29610/CDT346	Serial No. <b>107531070</b>
<b>INFORMATION DISCLOSURE STATEMENT</b>		Applicant Patel et al.	
		Filing Date 10/10/03	Group

<b>U.S. PATENT DOCUMENTS</b>								
*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date if Appropriate	
		4,539,507	09/03/85	VanSlyke et al.	313	504		
		5,523,555	06/04/96	Friend et al.	250	214 R		
		5,621,131	04/15/97	Kreuder et al.	558	46		
		5,723,873	03/03/98	Yang	257	40		
		5,798,170	08/25/98	Zhang et al.	428	212		
		6,107,452	08/22/00	Miller et al.	528	422		
		6,353,083 B1	03/05/02	Inbasekaran et al.	528	295		
<b>FOREIGN PATENT DOCUMENTS</b>								
*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
		707 020 B1	04/17/96	EPO			Abstract only	
		707 020 A3	04/17/96	EPO			Abstract only	
		861 714 B1	09/02/98	EPO				
		880 303 B1	11/25/98	EPO				
		901 176 B1	03/10/99	EPO				
		901 176 A3	03/10/99	EPO				
		949 850 B1	10/13/99	EPO				
		1 011 154 A1	06/21/00	EPO				
		1 030 539 A1	08/23/00	EPO				
		1 178 546 A2	02/06/02	EPO				
		2 348 316 A	09/27/00	Great Britain				
		WO 90/13148	11/01/90	PCT				
		WO 96/16449	05/30/96	PCT				
		WO 98/05187	02/05/98	PCT				
		WO 98/10621	03/12/98	PCT				
		WO 99/48160	09/23/99	PCT				
		WO 00/48258	08/17/00	PCT				
		WO 00/53656	09/14/00	PCT				
		WO 00/55927	09/21/00	PCT				
		WO 01/19142 A1	03/15/01	PCT				
		WO 01/62869 A1	08/30/01	PCT				
		WO 01/81649 A1	11/01/01	PCT				
		WO 01/99208 A2	12/27/01	PCT				
		WO 01/99208 A3	12/27/01	PCT				

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 29610/CDT346	Serial No. <b>107531070</b>
<b>INFORMATION DISCLOSURE STATEMENT</b>		Applicant Patel et al.	
		Filing Date 10/10/03	Group

<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>	
	“Effect of Electrical Annealing on the Luminous Efficiency of Thermally Annealed Polymer Light-Emitting Diodes”, Lee et al., Applied Physics Letters, Vol. 77, No. 21, November 20, 2000, pp. 3334-3336
	“Progress with Light-Emitting Polymers”, Bernius et al., Adv. Mater. 12, No. 23, December 1, 2000, pp. 1737-1750
	“Crystal Network Formation in Organic Solar Cells”, Dittmer et al., Solar Energy Materials and Solar Cells 61, 2000, pp. 53-61
	“Broad Spectral Sensitization of Organic Photovoltaic Heterojunction Device by Perylene and C <sub>60</sub> ”, Feng et al., Journal of Applied Physics, Vol. 88, No. 12, December 15, 2000, pp. 7120-7123
	“The Effect of Different Heat Treatments on the Luminescence Efficiency of Polymer Light-Emitting Diodes”, Lee et al., Adv. Mater. 12, No. 11, 2000, pp. 801-804
	“Poly-2,8-(indenofluorene- <i>co</i> -anthracene) - A Colorfast Blue-Light-Emitting Random Copolymer”, Marsitzky et al., Adv. Mater. 13, No. 14, July 18, 2001, pp. 1096-1099
	“Improvement of EL Efficiency in Polymer Light-Emitting Diodes by Heat Treatments”, Lee et al., Synthetic Metals 117, 2001, pp. 249-251
	“Effect of Annealing of Polythiophene Derivative for Polymer Light-Emitting Diodes”, Ahn et al., Applied Physics Letters, Vol. 80, No. 3, January 21, 2002, pp. 392-394
	“Thermal Annealing Below the Glass Transition Temperature: A General Way to Increase Performance of Light-Emitting Diodes Based on Copolyfluorenes”, Niu et al., Applied Physics Letters, Vol. 81, No. 4, July 22, 2002, pp. 634-636
	“Effects of Thermal Annealing on Light-Emitting Devices Based on Fluorene-Copolymers with Thiophene and Ethylenedioxythienylene”, Niu et al., Synthetic Metals 135-136, 2003, pp. 477-478
	International Search Report in PCT/GB03/04406 dated February 13, 2004
	Search Report in GB 0223510.9 dated June 2, 2003

Examiner	Date Considered
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	